

MARICOPA COUNTY INFLUENZA SUMMARY UPDATE

Week ending December 6, 2003 (Week 49)

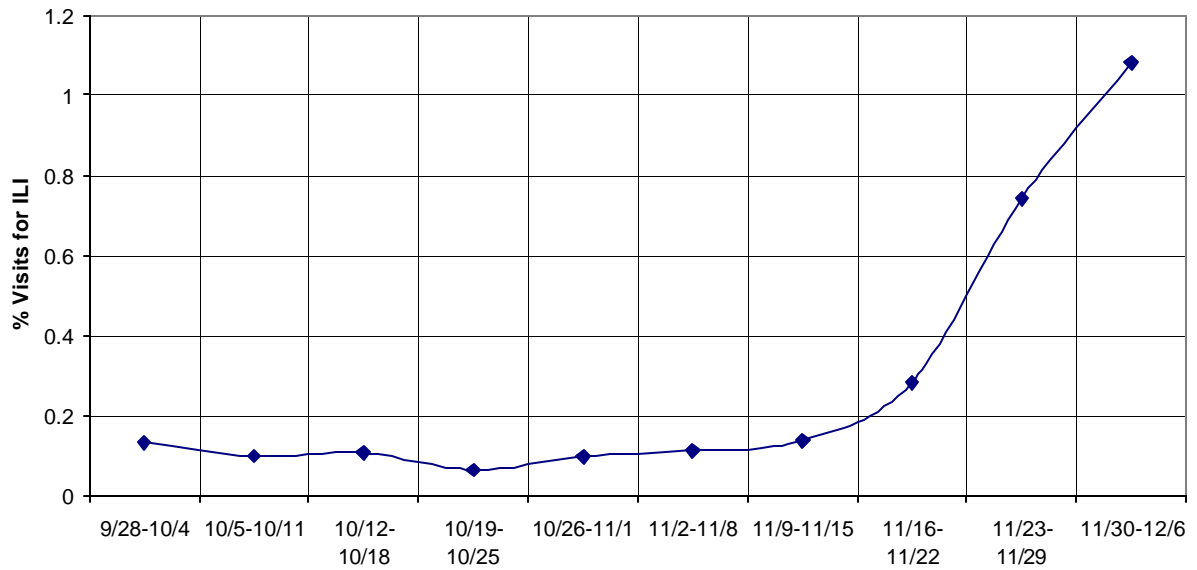
Synopsis: During week 49 (November 30 – December 6, 2003), 351 laboratory-tested specimens were positive for influenza. The proportion of patient visits to Cigna Health Care Centers for influenza-like-illness (ILI) was 1.08%, which is less than the national baseline of 2.5%. The proportion of patient visits to ASU Student Health and Wellness Center for ILI (4.90%) exceeded the national baseline. The overall percentage of ER visits for ILI was 3.91%. The average daily percentage of students absent due to ILI was 1.26%, and the average daily percentage of students absent due to illness was 5.25%. Long-term care center surveillance indicated insignificant influenza activity*.

Laboratory Surveillance: During week 49, a total of 351 specimens tested positive for influenza. 348 untyped influenza type A viruses were identified at Arizona Medical Clinic, ASU Student Health and Wellness Center, Chandler Regional Hospital, Del Webb Memorial Hospital, Grayhawk Pediatrics, Phoenix Children's Hospital, Maricopa Medical Center, Sonora Quest Laboratory, Scottsdale Healthcare Laboratory, St. Joseph's Hospital Laboratory, and Urgent Care Specialists. 3 isolates were subtyped as influenza type A (H3N2) at the Arizona State Laboratory.

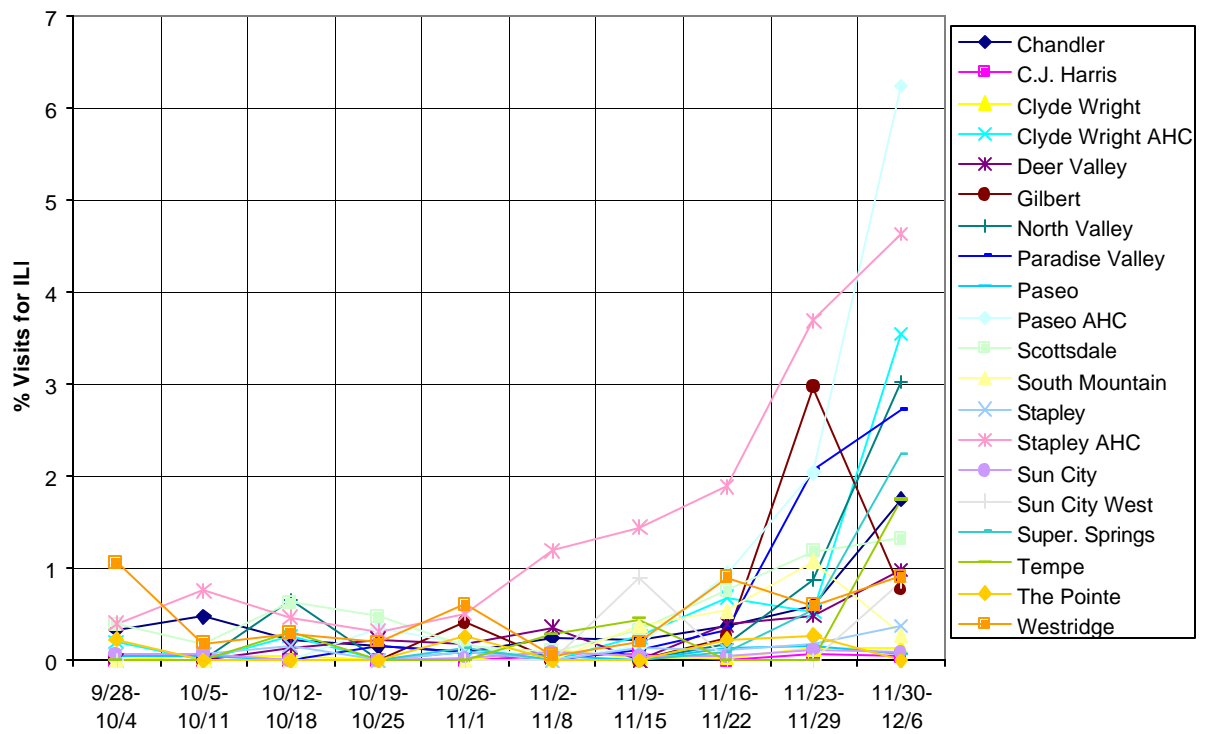
Pneumonia and Influenza (P&I) Mortality Surveillance:** P&I data for week 49 is currently unavailable.

Influenza-like Illness Surveillance:** During week 49, 1.08% of patient visits to Cigna Health Care facilities were due to ILI. This is less than the national baseline of 2.5%. The proportion of patient visits to ASU Student Health and Wellness Center for ILI (4.90%) exceeded the national baseline. The overall percentage of ER visits for ILI was 3.91%. The average daily percentage of students absent due to ILI was 1.26%, and the average daily percentage of students absent due to illness was 5.25%. Due to differences in case definitions, it is not appropriate to apply the national baseline to ER and school ILI data***.

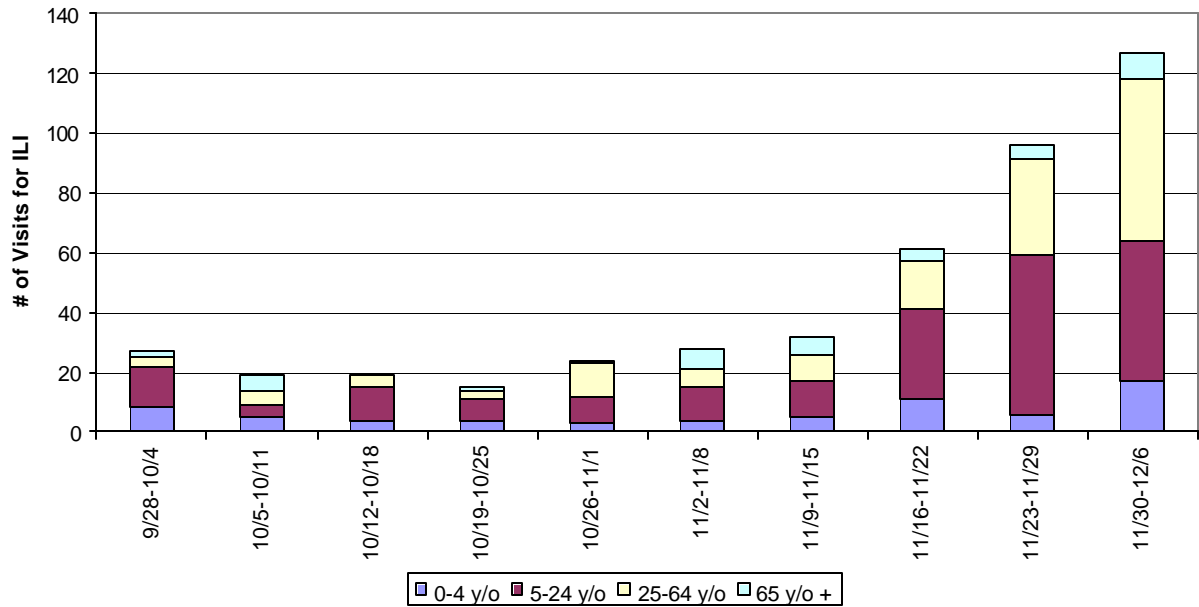
**Overall Percentage of Visits for Influenza-like Illness at Cigna Facilities,
Maricopa County Summary 2003-04**



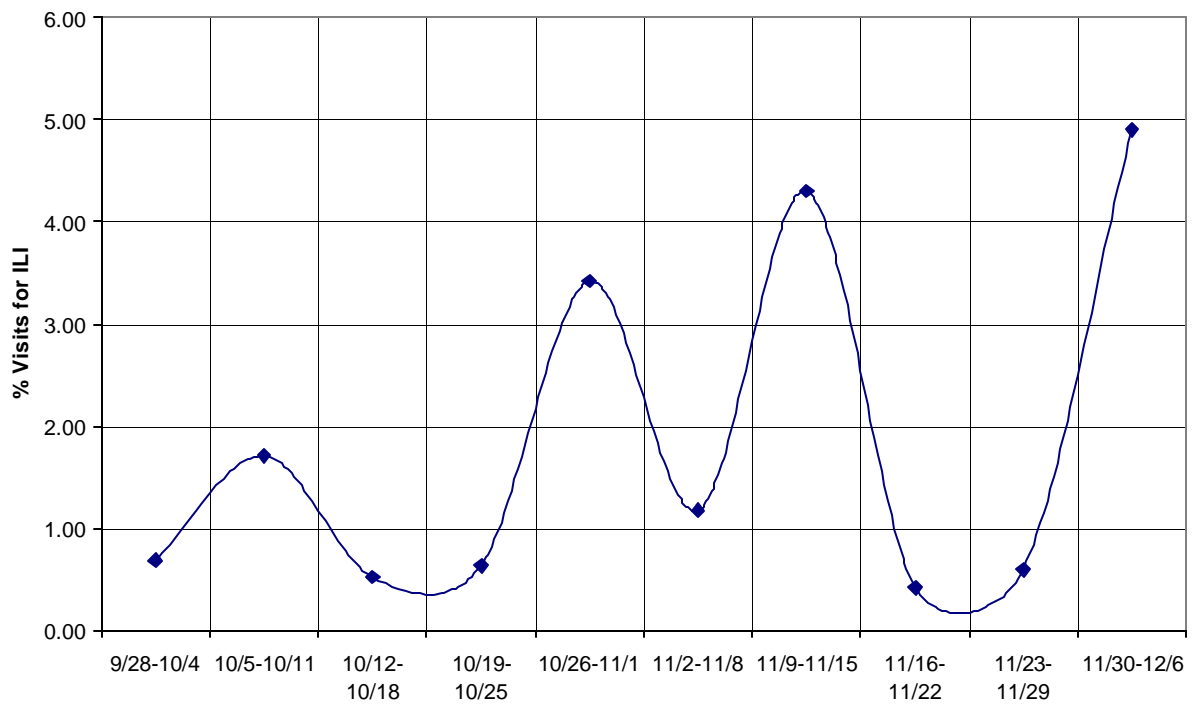
**Percentage of Visits for Influenza-like Illness at Cigna Facilities,
Maricopa County Summary 2003-04**



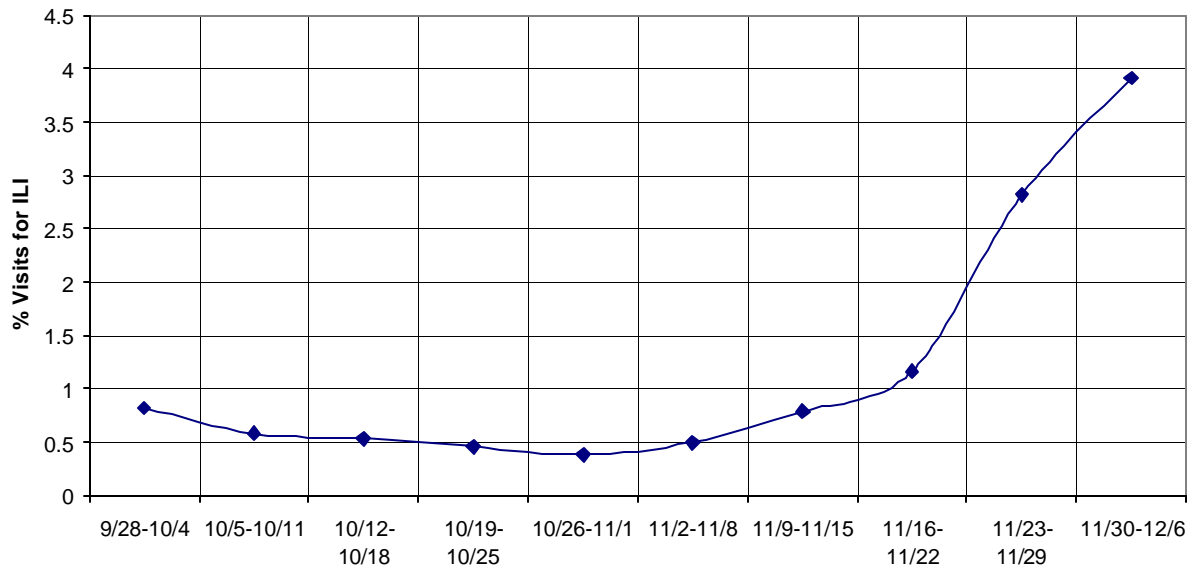
**Number of Visits to Cigna Facilities for Influenza-Like Illness,
Maricopa County Summary 2003-04 (by age group)**



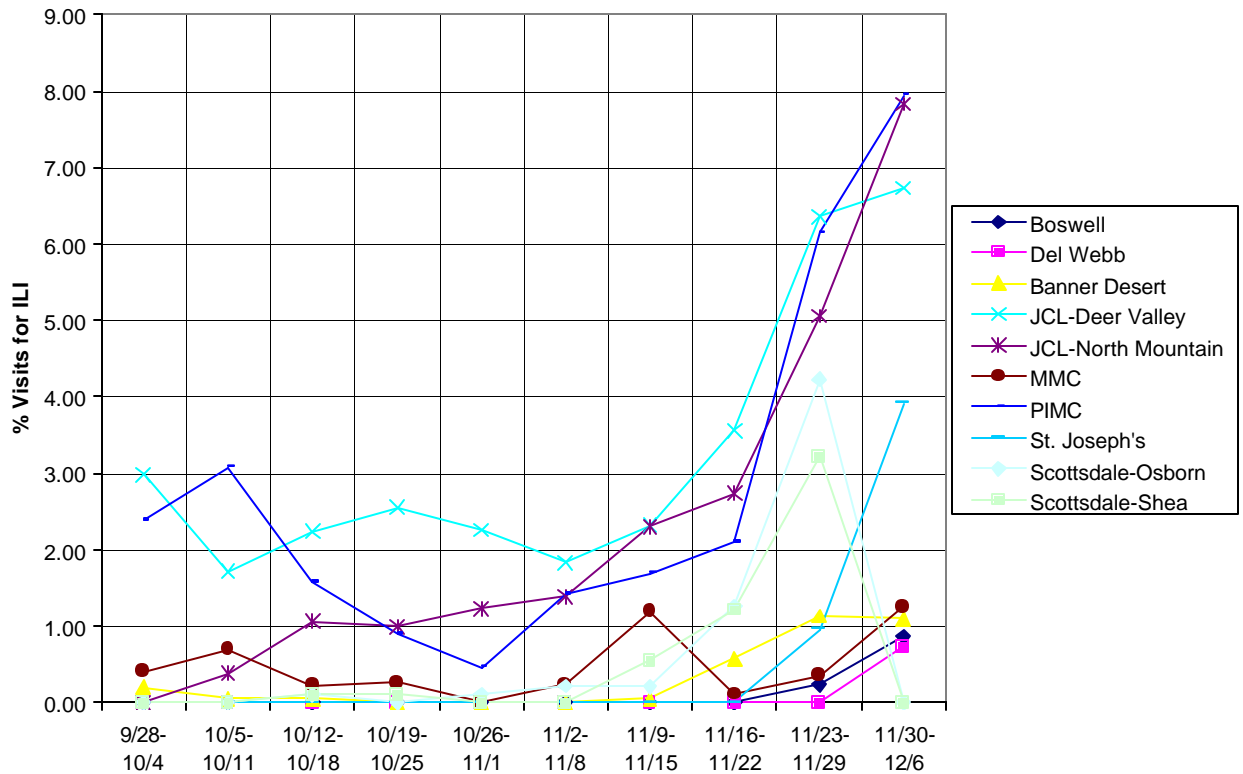
**Overall Percentage of Visits for Influenza-like Illness at ASU Student Health,
Maricopa County Summary 2003-04**



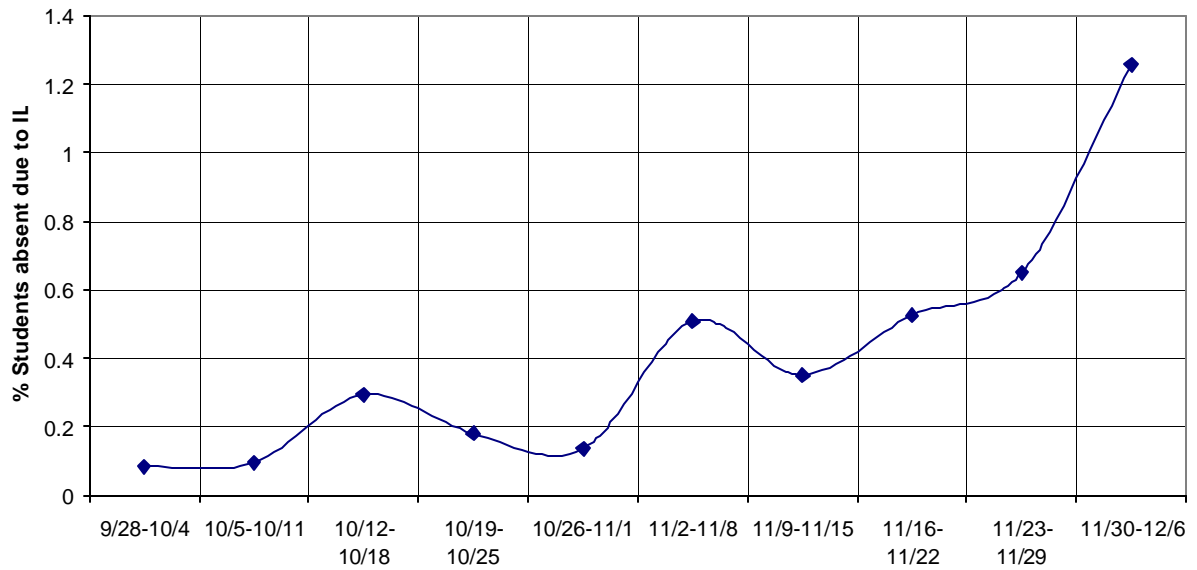
**Overall Percentage of Visits to ER for Influenza-like Illness,
Maricopa County Summary 2003-04**



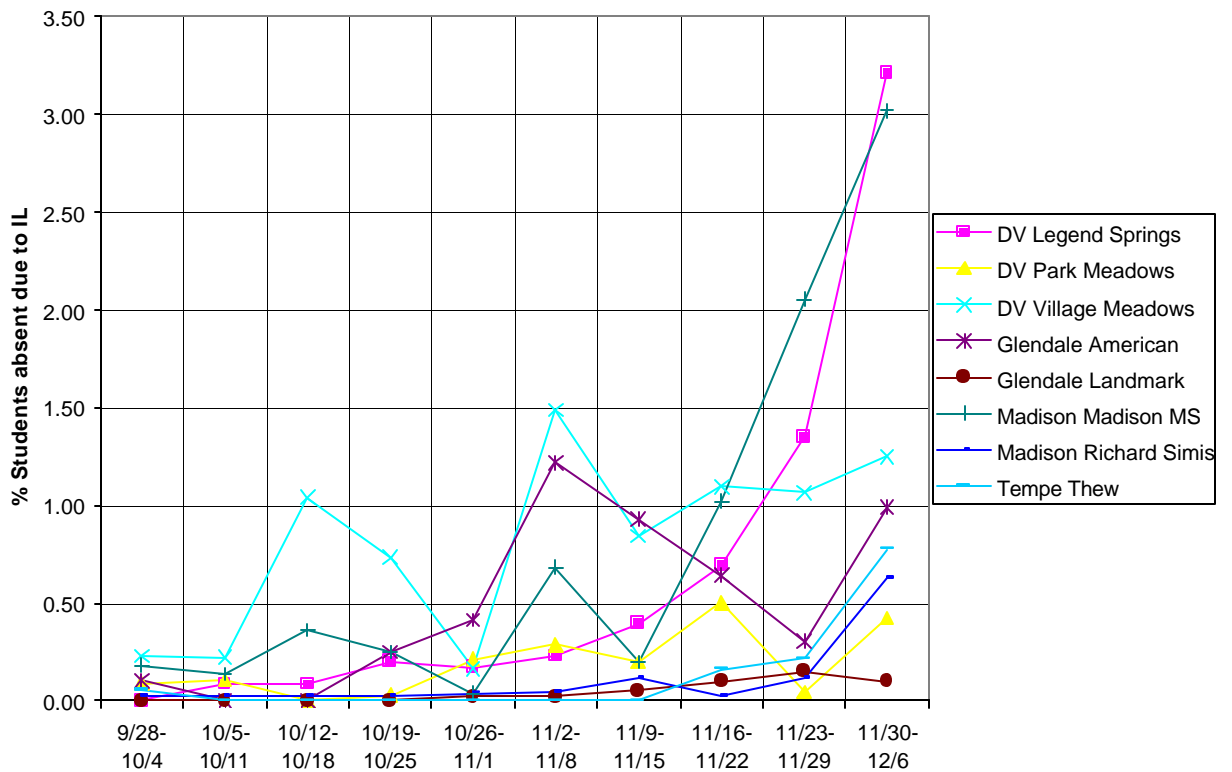
**Percentage of ER Visits for Influenza-like Illness,
Maricopa County Summary 2003-04**



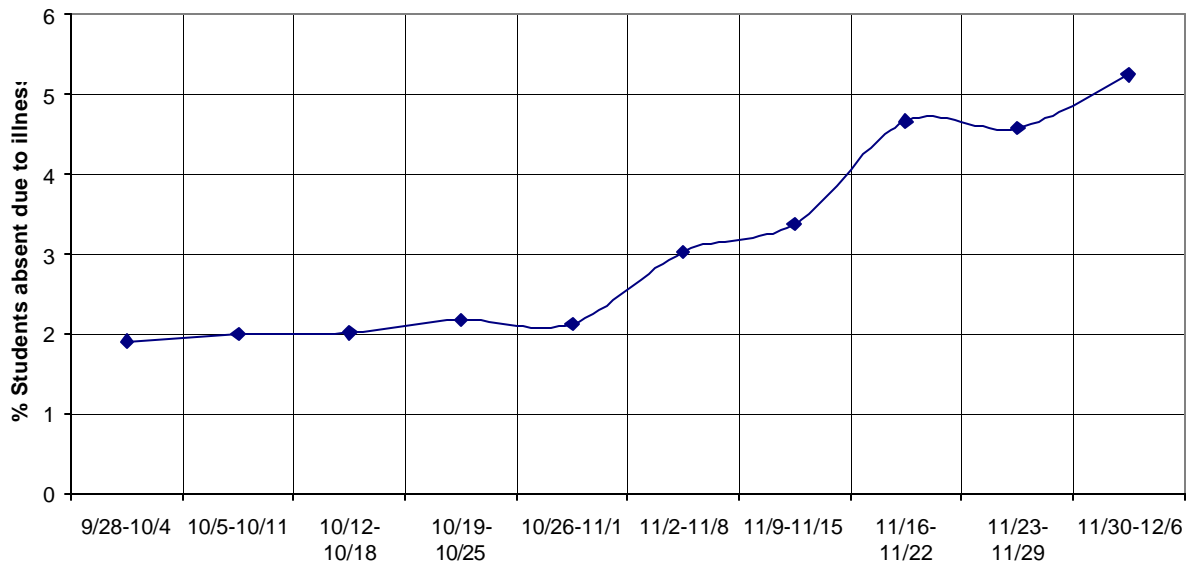
**Average Daily Percentage of Students Absent due to Influenza-like Illness,
Maricopa County Summary 2003-04**



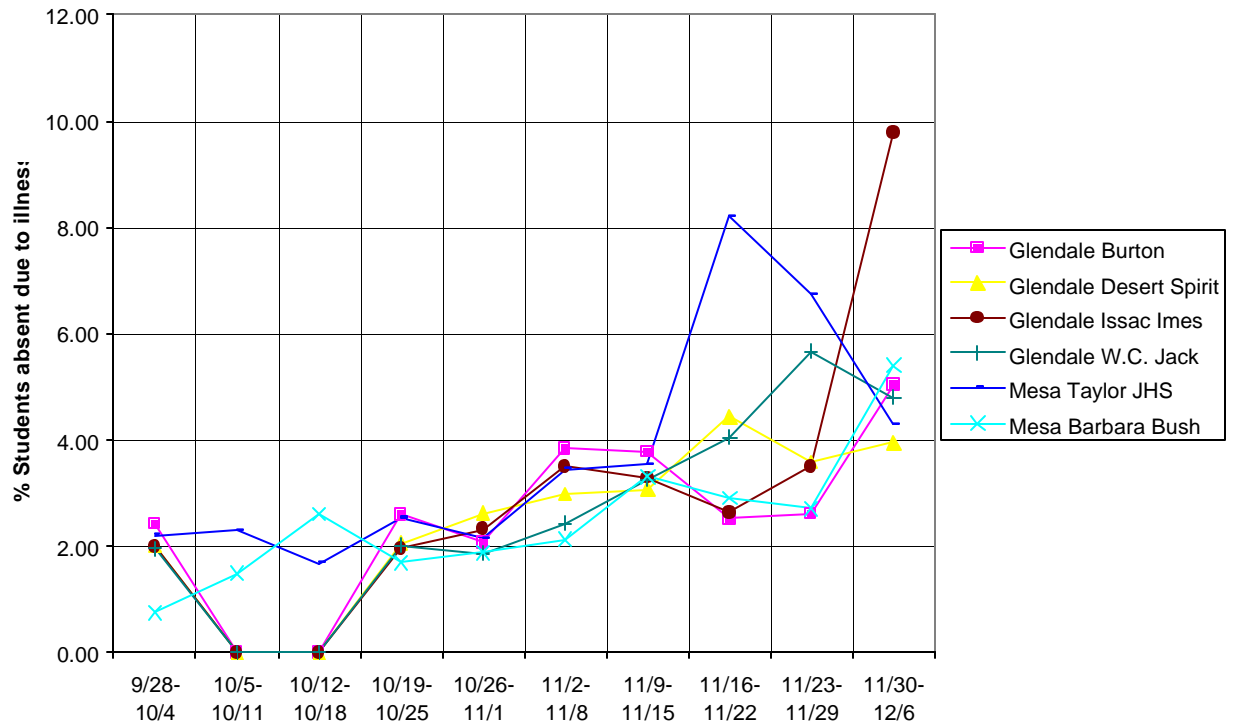
**Average Daily Percentage of Students Absent due to Influenza-like Illness,
Maricopa County Summary 2003-04**



**Average Daily Percentage of Students Absent due to Illness,
Maricopa County Summary 2003-04**

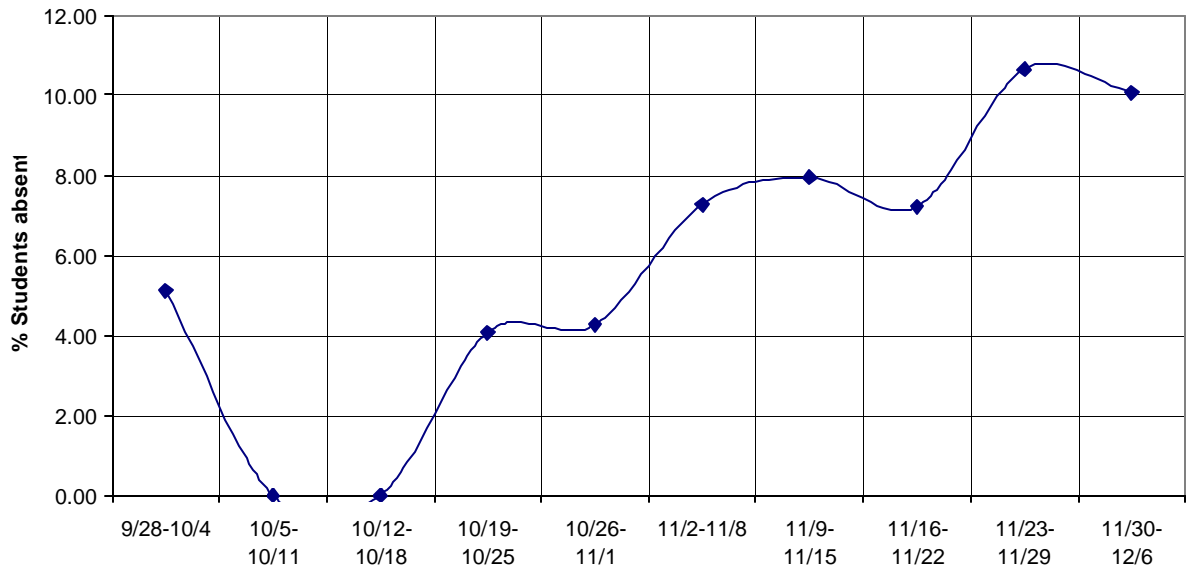


**Average Daily Percentage of Students Absent due to Illness,
Maricopa County Summary 2003-04**

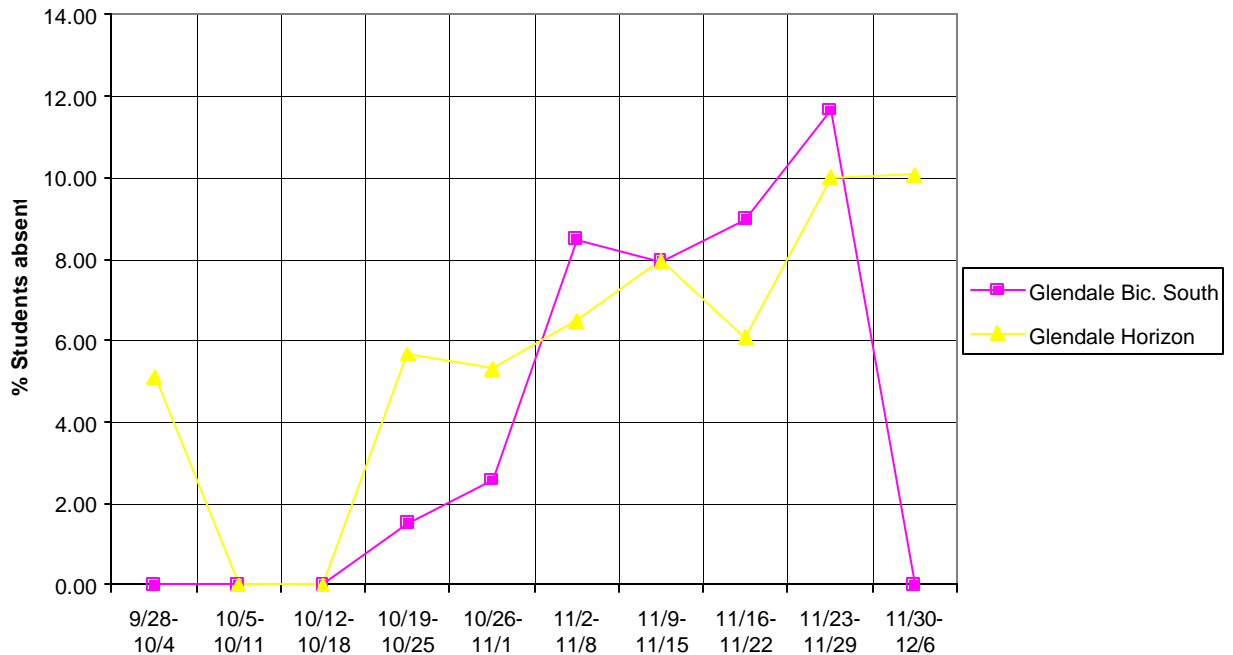


Note: Glendale schools were on fall break from 10/5/2003 – 10/18/2003.

**Average Daily Percentage of Students Absent,
Maricopa County Summary 2003-04**



**Average Daily Percentage of Students Absent,
Maricopa County Summary 2003-04**



Note: The only schools reporting total absences are Glendale Bicentennial South and Glendale Horizon. These schools were on fall break from 10/5/2003 – 10/18/2003.
Glendale Bicentennial South did not yet submit a report for week 49.

* Influenza activity is defined as influenza-like illness and/or culture-confirmed influenza.

** Reporting is incomplete for this week. Numbers may change as more reports are received.

*** Case definitions

For Cigna Health Care Centers and ASU Student Health and Wellness Center:

Fever plus either cough or sore throat

For Hospital ER's, Long-term Care Centers, and Schools:

Fever of 102 degrees or higher, plus two of the following symptoms:

Headache, chills, myalgia, cough, coryza, sore throat

Surveillance Sources: **Hospital Emergency Departments** (Boswell Memorial Hospital, Del Webb Memorial Hospital, Banner Desert Medical Center, John C. Lincoln Hospital Deer Valley, John C. Lincoln Hospital North Mountain, Maricopa Medical Center, Phoenix Indian Medical Center, St. Joseph's Hospital, Scottsdale Healthcare Osborn, Scottsdale Healthcare Shea); **Cigna Health Care Centers** (Chandler, CJ Harris, Clyde Wright, Clyde Wright AHC, Deer Valley, Gilbert, North Valley, Paradise Valley, Paseo, Paseo AHC, Scottsdale, South Mountain, Stapley, Stapley AHC, Sun City, Sun City West, Superstition Springs, Tempe, The Pointe, Westridge); **Long-term Care Centers**: (Arbor Rose Assisted Living, Christian Care Nursing Center, Cook Healthcare, Life Care Center of Paradise Valley, Sun Health Care Center, Westminster Village); **Schools**: (Deer Valley Legend Springs, Deer Valley Park Meadows, Deer Valley Village Meadows, Glendale American, Glendale Bicentennial South, Glendale Burton, Glendale Desert Spirit, Glendale Horizon, Glendale Issac Imes, Glendale Landmark, Glendale W.C. Jack, Madison Middle School, Madison Richard Simis, Mesa Taylor, Mesa Barbara Bush, Tempe Thew); **ASU Student Health and Wellness Center**

Cigna Health Care Centers and ASU Student Health and Wellness Center are participants in CDC's Sentinel Surveillance program.

Report can be found online at: http://www.maricopa.gov/public_health/epi/flu.asp

Report prepared: December 12, 2003